PF-0525 PCT



## **PCT**

## WORLD INTELLECTUAL PROPERTY ORGANIZATION International Bureau

## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6:

C12N 15/12, C07K 14/47, A61K 38/17, G01N 33/68, C12Q 1/68, C07K 16/18

(11) International Publication Number:

WO 99/61614

A2 |

US

(43) International Publication Date:

2 December 1999 (02.12.99)

(21) International Application Number:

PCT/US99/11497

(22) International Filing Date:

25 May 1999 (25.05.99)

(30) Priority Data:

60/087,104 09/216,006 28 May 1998 (28.05.98)

17 December 1998 (17.12.98) US

(74) Agents: BILLINGS, Lucy, J. et al.; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (US).

Rock Springs Drive, Hayward, CA 94547 (US).

Neil, C. [US/US]; 1240 Dale Avenue #30, Mountain View,

CA 94040 (US). PATTERSON, Chandra [US/US]; 490 Sherwood Way #1, Menlo Park, CA 94025 (US). YUE,

Henry [US/US]; 826 Lois Avenue, Sunnyvale, CA 94087

(US). TANG, Y., Tom [CN/US]; 4230 Ranwick Court, San Jose, CA 95118 (US). AZIMZAI, Yalda [US/US]; 2045

(63) Related by Continuation (CON) or Continuation-in-Part (CIP) to Earlier Applications

US

60/087,104 (CIP)

Filed on US

28 May 1998 (28.05.98) 09/216,006 (CIP)

Filed on

17 December 1998 (17.12.98)

(71) Applicant (for all designated States except US): INCYTE PHARMACEUTICALS, INC. [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): LAL, Preeti [IN/US]; 2382 Lass Drive, Santa Clara, CA 95054 (US). HILLMAN, Jennifer, L. [US/US]; 230 Monroe Drive #12, Mountain View, CA 94040 (US). GORGONE, Gina [US/US]; 1253 Pinecrest Drive, Boulder Creek, CA 95006 (US). CORLEY,

(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published

Without international search report and to be republished upon receipt of that report.

(54) Title: HUMAN SOCS PROTEINS

(57) Abstract

The invention provides human SOCS proteins (HSCOP) and polynucleotides which identify and encode HSCOP. The invention also provides expression vectors, host cells, antibodies, agonists, and antagonists. The invention also provides methods for diagnosing, treating, or preventing disorders associated with expression of HSCOP.

**BEST AVAILABLE COPY**